

Diaphragm anti-siphon valve



benefits

- Safe height 1-4 m
- with shut-off and venting function
- incl. lead sealing kit
- Proofed Barrier (odour-tight)
- materials resistant to biofuel and biodiesel mixtures with max. 30 % FA-ME
- green fuels ready: suitable for use at tank facilities filled with the new paraffinic fuels HVO or GTL
- watertight up to 10 m water column - ideal for use in flood hazard areas

Application

For oil carrying suction lines in fuel oil consuming systems where a pipe section is below the maximum tank level. MAV keeps fuel oil from being siphoned out of the tank in the case of leaks.

Suitable for fuel oil EL (DIN 51603-1), diesel fuel (EN 590), liquid fuels as per DIN SPEC 51603-6 and DIN/TS 51603-8 as well as biofuel and biodiesel with a maximum of 30 % FAME (EN 14214). This product is therefore ideal for all ecologically upgraded fuel oil consuming systems that use the new paraffinic fuels HVO or GTL as an admixture or 100 %. Also for use in flood hazard areas and flood risk areas.

Description

MAV is continuously adjustable to a safe height of 1–4 m for optimum adaptation to suit local conditions. The adjusted value corresponds to difference between the installation height and the lowest point of the oil line. MAV shuts off under spring pressure and opens under the vacuum caused by the pump. Watertight up to 10 m water column. If necessary, install a pressure compensation unit.

Technical Specifications

Adjustment of safe height

corresponds to installation height
1 – 4 m, fully adjustable

connection thread

both ends G $\frac{3}{4}$ female

Mounting position

any

Oil flow rate

max. 220 l/h

Operating temperature range

Medium: -25/+40 °C

Ambient: -25/+40 °C

Vacuum-tight

bis -1 bar

Test pressure

max. 6 bar

Material
Housing: Brass

approval
Z-65.50-415

- Scope of delivery**
- Diaphragm anti-siphon valve
 - Lead sealing kit

Versions

		Part no.
Diaphragm anti-siphon valve MAV		20139

- in-stock items
- Non-stock items